

What is Claimed is:

1. A liquid transfer pipe comprising a first pipe for flowing liquid having thin-wall and small diameter, and a second pipe for housing the first pipe having thick-wall and large diameter, wherein the outer diameter of the first pipe and the inner diameter of the second pipe are determined so that the first pipe can be housed with predetermined gap within the second pipe.
2. A liquid transfer system comprising the liquid transfer pipe of claim 1, a liquid housing section communicated to one end of the liquid transfer pipe, a pressurization section for pressurizing the liquid housing section so that liquid is supplied to the liquid transfer pipe from the liquid housing section, a gas blowing section for blowing gas so that negative pressure is generated at the other end of the liquid transfer pipe, and a pressurized gas supplying section for supplying pressurized gas to the gas blowing section.